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**AMENDMENTS TO THE ABSTRACT**

Please **replace** the Abstract as filed with the following **amended** abstract for page 13.

**IMPROVEMENT TO RADIATION DIVERSITY ANTENNAS****ABSTRACT**

The present invention relates to a radiation diversity antenna consisting of radiating elements of the slot-line type coupled electromagnetically to a feed line, in which the radiating elements {1,2,3,4,5,1a,1b} have a tree structure, each radiating element having a length equal to  $k\lambda_s/2$  where  $k$  is an identical or different integer from one element to the next and  $\lambda_s$  is the guided wavelength in the slot-line constituting the radiating element with at least one radiating element comprising a switching means {d1,d2,d3,d4,d'1} positioned in the slot-line constituting the said radiating element in such a way as to control the coupling between the said radiating element and the feed line (6) as a function of a command. The invention applies chiefly to wireless transmissions.

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**Fig. 1**